**DOCKET NO.:** MSFT-1750/302726.01 **PATENT** 

**Application No.:** 10/646,940

Office Action Dated: September 6, 2007

This listing of claims will replace all prior versions, and listings, of claims in the application.

## **Listing of Claims:**

1.-35. (Canceled)

36. (New) A computer implemented method comprising:

storing data for one or more applications in a repository, the data stored as objects including content, the objects conforming to a base schema that characterizes each object into one or more object types that allows the repository to understand and interpret the content of each object, wherein the base schema defines object, property base, and extension types, wherein an object type is defined by properties of a foundational object type, the property base type being an anchor from which other property types are derived and through which derived property types are interrelated, and the extension type defines which object an extension extends and identification to distinguish one extension from another;

receiving at least one request from said one or more applications for specific content; and

retrieving one or more objects that include said specific content for said one or more applications.

- 37. (New) The method of claim 36, wherein the schema further defines at least one base object type including at least one base object type property.
  - 38. (New) The method of claim 37 further comprising:

storing at least one object in said repository, said object being derived from said object type and including said at least one base object type property.

39. (New) The method of claim 38 further comprising:

storing said at least one object in said repository, wherein said at least one object extends from said base object type.

40. (New) The method of claim 37, wherein said base object type comprises a property that uniquely identifies said object to said repository.

**DOCKET NO.:** MSFT-1750/302726.01 **PATENT** 

**Application No.:** 10/646,940

Office Action Dated: September 6, 2007

41. (New) The method of claim 36, wherein said schema defines at least one base property that defines all other properties utilized by the repository.

- 42. (New) The method of claim 36, wherein said schema defines at least one base relationship type that defines all other relationships utilized by the repository.
  - 43. (New) The method of claim 42, further comprising:

storing said at least one additional object in said repository, wherein said object includes a containment relationship defined by said schema that controls the life-time of another object that is the target of the relationship.

44. (New) The method of claim 43 further comprising:

storing said at least one additional object in said repository, wherein said at least one additional object is derived from said base object type and said at least one additional object includes a relationship to an object folder derived from said base object type, wherein said object folder being the source of the relationship and said object is the target of said relationship.

- 45. (New) The method of claim 44, wherein the existence of a containment relationship is indicated by a property field in the source object of the relationship.
  - 46. (New) The method of claim 44, further comprising:

deleting the object that constitutes the source in a containment relationship and in response to deleting the source, deleting any objects that are the targets of the containment relationship.

- 47. (New) The method of claim 43, further comprising:
- configuring said target of the containment relationship to be the target of multiple containment relationships.
- 48. (New) The method of claim 41, wherein the base schema further defines a second property type that constitutes a base type for categories.

PATENT

**DOCKET NO.:** MSFT-1750/302726.01

**Application No.:** 10/646,940

Office Action Dated: September 6, 2007

49. (New) A computer implemented method comprising:

instructions for storing data for one or more applications in a repository, the data stored as objects including content, the objects conforming to a base schema that characterizes each object into one or more object types that allows the repository to understand and interpret the content of each object, wherein the base schema defines object, property base, and extension types, wherein an object type is defined by properties of a foundational object type, the property base type being an anchor from which other property types are derived and through which derived property types are interrelated, and the extension type defines which object an extension extends and identification to distinguish one extension from another;

instructions for receiving at least one request from said one or more applications for specific content; and

instructions for retrieving one or more objects that include said specific content for said one or more applications.

- 50. (New) The computer readable instructions of claim 49, wherein the base schema further defines at least one base item object including at least one base object type property.
- 51. (New) The computer readable instructions of claim 50, further comprising: instructions for storing at least one additional object in said repository, said object being derived from said base object type.
- 52. (New) The computer readable instructions of claim 51, further comprising: instructions for storing said at least one additional object in said repository, wherein said at least one additional object extends from said base object type.
- 53. (New) The computer readable instructions of claim 50, wherein said base object type comprises a property that uniquely identifies said object to said repository.
- 54. (New) The computer readable instructions of claim 49, wherein said schema defines at least one base property that defines all other properties utilized by the repository.

**DOCKET NO.:** MSFT-1750/302726.01

**Application No.:** 10/646,940

Office Action Dated: September 6, 2007

55. (New) The computer readable instructions of claim 49, wherein said schema defines at least one base relationship type that defines all other relationships utilized by the repository.

**PATENT** 

- 56. (New) The computer readable instructions of claim 55 further comprising: instructions for storing said at least one additional object in said repository, wherein said object includes a containment relationship defined by said schema that controls the lifetime of another object that is the target of the relationship.
- 57. (New) The computer readable instructions of claim 56 further comprising: instructions for storing said at least one additional object in said repository, wherein said at least one additional object is derived from said base object type and said at least one additional object includes a relationship to an object folder derived from said base object type, wherein said object folder is the source of the relationship and said object being the target of said relationship.
- 58. (New) The computer readable instructions of claim 57, wherein the existence of a containment relationship is indicated by a property field in the source of the relationship.
- 59. (New) The computer readable instructions of claim 57, further comprising: instructions for deleting the object that constitutes the source in a containment and in response to deleting the source, instructions for deleting any objects that are the targets of the containment relationship.
- 60. (New) The computer readable instructions of claim 56, further comprising: instructions for configuring said target of the containment relationship to be the target of multiple containment relationships.
- 61. (New) A system for storing data in a data storage management system comprising:

means for storing data for one or more applications in a repository, the data stored as objects including content, the objects conforming to a base schema that characterizes each object into one or more object types that allows the repository to understand and interpret the

PATENT

**DOCKET NO.:** MSFT-1750/302726.01

**Application No.:** 10/646,940

Office Action Dated: September 6, 2007

content of each object, wherein the base schema defines object, property base, and extension types, wherein an object type is defined by properties of a foundational object type, the property base type being an anchor from which other property types are derived and through which derived property types are interrelated, and the extension type defines which object an extension extends and identification to distinguish one extension from another;

means for receiving at least one request from said one or more applications for specific content; and

means for retrieving one or more objects that include said specific content for said one or more applications.

- 62. (New) The system of claim 61, wherein the base schema further defines at least one base object type including at least one base object type property.
- 63. (New) The system of claim 62, further comprising: means for storing at least one additional object in said repository, said object being derived from said base object type.
- 64. (New) The system of claim 63, further comprising: means for storing said at least one additional object in said repository, wherein said at least one additional object extends from said base object type.
- 65. (New) The system of claim 62, wherein said base object type comprises a property that uniquely identifies said object to said repository.
- 66. (New) The system of claim 61, wherein said schema defines at least one base property that defines all other properties utilized by the repository.
- 67. (New) The system of claim 61, wherein said schema defines at least one base relationship type that defines all other relationships utilized by the repository.
  - 68. (New) The system of claim 67, further comprising:

means for storing said at least one additional object in said repository, wherein said object includes a containment relationship defined by said schema that controls the life-time of another object that is the target of the relationship.

**DOCKET NO.:** MSFT-1750/302726.01

**Application No.:** 10/646,940

Office Action Dated: September 6, 2007

69. (New) The system of claim 68, further comprising:

means for storing said at least one additional object in said repository, wherein said at least one additional object is derived from said base object type and said at least one additional object includes a relationship to an object folder derived from said base object type, wherein said object folder being the source of the relationship and said object is the target of said relationship

70. (New) The system of claim 69, wherein the existence of a containment relationship is indicated by a property field in the source of the relationship.